

Last information update: January 2025

Product configuration: QV45.01

QV45.01: Robin spotlight Ø37 for installation on a 48V low voltage track - DALI - White

**Product code**

QV45.01: Robin spotlight Ø37 for installation on a 48V low voltage track - DALI - White

Technical description

Miniaturised adjustable spotlight with adapter for installation on 48V low voltage track. Made of die-cast aluminium with passive dissipation system. The adapter made of a thermoplastic material includes the DC/DC driver circuit with a DALI power line dimmable function. Integrated «power line» technology allows each spotlight on the track to be adjusted separately. The swivel joints allow the spotlight to be rotated by 360° and tilted by 160° with the option of installing the spotlight on a 48V track in both an "up" and "down" position. The set back position of the optic unit guarantees a high level of visual comfort. A high definition thermoplastic lens with the option of using additional accessories to create other light effects. A rapid tool-free system for connecting the adapter electrically and mechanically to the track. The 48V track coupling device is fitted with a mechanical anti-fall safety double block.

Installation

An adapter is used to fix the device mechanically and tool-free to the 48V track.

Colour

White (01)

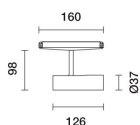
Weight (Kg)

0.25

Wiring

Driver DC/DC with a DALI power line dimmable function - direct connection on 48V track. Track power supply unit to be ordered separately.

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	585	MacAdam Step:	2
W system:	11.3	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Im source:	860	Voltage [Vin]:	48
W source:	9.6	Lamp code:	LED
Luminous efficiency (Im/W, real value):	51.8	Number of lamps for optical assembly:	1
Im in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	68	Power factor:	See installation instructions
Beam angle [°]:	24°	Minimum dimming %:	5
CRI (minimum):	90	Overvoltage protection:	2kV Common mode & 1kV Differential mode
Colour temperature [K]:	2700	Control:	DALI

Polar

Imax=2875 cd C0-180		Lux			
h	d1	d2	Em	Emax	
2	0.9	0.9	574	719	
4	1.7	1.7	144	180	
6	2.6	2.6	64	80	
8	3.5	3.4	36	45	